

Form PTO-1449

Docket Number 220002060724

Application Number 09/927,788

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Applicant

Michael J. MAHAN et al.

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Filing Date August 9, 2001

Group Art Unit 1645

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
✓	1.	04/05/1977	4,016,253	Switzer et al.			
	2.	09/11/1979	4,167,560	Wohler, Jr.			
	3.	10/16/1979	4,171,353	Ryan			
	4.	03/13/1984	4,436,728	Ribi et al.			
	5.	02/23/1988	4,726,947	Shimada et al.			
	6.	10/15/1991	5,057,540	Kensil et al.			
	7.	12/31/1991	5,077,284	Loria et al.			
	8.	12/15/1992	5,171,568	Burke et al.			
	9.	05/11/1993	5,210,035	Stocker			
	10.	12/28/1993	5,273,744	Musoke et al			
	11.	03/15/1994	5,294,441	Curtiss, III			
	12.	04/18/1995	5,407,684	Loria et al.			
	13.	07/18/1995	5,434,065	Mahan et al.			
	14.	12/24/1996	5,587,305	Briggs et al			
	15.	09/30/1997	5,672,345	Curtiss, III			
	16.	11/24/1998	5,840,483	Curtiss, III			
	17.	06/15/1999	5,912,119	Radman et al			
	18.	06/22/1999	5,914,113	Schrier			
	19.	10/05/1999	5,961,985	Sprouse et al			
	20.	10/12/1999	5,965,415	Radman et al			
	21.	01/04/2000	6,010,705	Thune et al			
	22.	03/07/2000	6,033,673	Clements			
	23.	05/29/2001	6,238,901	Morgan et al			
✓	24.	07/17/2001	6,261,561	Stewart, Jr. et al			

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
VS	25.	11/14/1991	WO 91/16924	WIPO				
	26.	10/01/1992	WO 92/16231	WIPO				
	27.	11/27/1997	WO 97/44487	WIPO				
	28.	01/22/1998	WO 98/02552	WIPO				
	29.	03/26/1998	WO 98/12206	WIPO				
	30.	09/02/1999	WO 99/43809	WIPO				
	31.	08/10/2000	WO 00/45840	WIPO				
	32.	06/28/2001	WO 01/46428	WIPO				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
VS	33.	Anderson, P. and Smith, D. H. (1977). "Immunogenicity in Weanling Rabbits of a Polyribophosphate Complex from <i>Haemophilus influenzae</i> Type B," <i>J. Infect. Dis.</i> 136:s63-s70.
	34.	Ash, C. (1999). "Dam Virulence," <i>Trends in Microbiology</i> , 7(6): 231.
	35.	Baker, R. C. et al. (1983). "Survival of <i>Salmonella typhimurium</i> and <i>Staphylococcus aureus</i> in Eggs Cooked by Different Methods," <i>Poult. Sci.</i> 62(7):1211-1216.
	36.	Bandyopadhyay and Das. (1994). "The DNA adenine methyltransferase-encoding gene (<i>dam</i>) of <i>Vibrio cholerae</i> ," <i>Gene</i> 140: 67-71.
	37.	Blattner et al. (1997). "The Complete Genome Sequence of <i>Escherichia coli</i> K-12," <i>Science</i> 277: 1453-1474.
	38.	Blyn, L.B. et al. (1990). "Regulation of <i>Pap</i> Pilin Phase Variation by a Mechanism Involving Differential Dam Methylation States," <i>The EMBO Journal</i> 9(12):4045-4054.
	39.	Boslego et al. (1991) Chapter 17 In <i>Vaccines and Immunotherapy</i> Pergamon Press, pp. 211-223.
	40.	Boyd, E.F. et al. (1993). " <i>Salmonella</i> Reference Collection B (SARB): Strains of 37 Serovars of Subspecies I," <i>Journal of General Microbiology</i> 139:1125-1132.
	41.	Braaten et al. (1994). "Methylation Patterns in <i>Pap</i> Regulatory DNA Control Pyelonephritis-Associated Pili Phase Variation in <i>E. coli</i> ," <i>Cell</i> 76: 577-588.
	42.	Brawer, R et al. (1996), Abstracts of the General Meeting of the American Society of Microbiology, Vol. 96, page 500.

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43.	Brawer, R. et al. (1998). "A Temperature-Sensitive DNA Adenine Methyltransferase Mutant of <i>Salmonella typhimurium</i> ," <i>Arch. Microbiology</i> 169(6):530-533.
44.	Brown, H. M. and Wilson, R. N. (1959). "Chronic Bronchitis in Industry an Account of a Trial of H. Influenzae Vaccine," <i>British Med. J.</i> 263-267.
45.	Cardenas, L. et al. (1992). "Oral Immunization Using Live Attenuated <i>Salmonella</i> SPP. as Carriers of Foreign Antigens," <i>Clinical Microbiology Reviews</i> 5(3): 328-342.
46.	Carroll, C. D. (1998). "Evaluation of a Structure-based Statine Cyclic Diamino Amide Encoded Combinatorial Library Against Plasmepsin II and Cathepsin D," <i>Bioorg. Med. Chem. Lett.</i> 8: 3203-3206.
47.	Cerquetti, M.C. et al. (May 4-8, 1996) 97th General Meeting of the American Society for Microbiology, Vol. 97.
48.	Cerquetti, M.C. et al., Abstracts of the General Meeting of the American Society for Microbiology, Vol. 96, Abstract H-48, page 491.
49.	Cerquetti, MC et al., (1997). Abstracts of the General Meeting of the American Society for Microbiology, Vol. 97, page 318, .
50.	Charlier, D. et al. (1995). "Pyrimidine Regulation of the <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> carAB operons: CarP and Integration Host factor (IHF) Modulate the Methylation Status of a GATC Site Present in the Control Region," <i>Journal of Mol. Biol.</i> 250(4):383-391.
51.	Chikami, G.K. et al. (1985). "Plasmid-Mediated Virulence in <i>Salmonella dublin</i> Demonstrated by Use of a Tn5-oriT Construct," <i>Infection and Immunity</i> 50(2):420-424.
52.	Conner, C. P. et al. (1998). "Differential Patterns of Acquired Virulence Genes Distinguish <i>Salmonella</i> strains," <i>Proc. Natl. Acad. Sci. USA</i> 14: 4641-4645.
53.	Conner, C. P. et al. (1998). "In Vivo Gene expression: Contributions to Infection, Virulence, and Pathogenesis," <i>Current Top Microbiol Immunol.</i> 225: 1-12.
54.	Correa, N.E. et al. (2000). "Phosphorylation of the Flagellar Regulatory Protein FlrC is Necessary for <i>Vibrio Cholerae</i> Motility and Enhanced Colonization," <i>Molecular Microbiology</i> 35(4):743-755.
55.	Curtiss, R. and Kelly, S.M. (1987). "Salmonella typhimurium Deletion Mutants Lacking Adenylate Cyclase and Cyclic AMP Receptor Protein are Avirulent and Immunogenic," <i>Infect. Immun.</i> 55(12): 3035-3043.
56.	Donnenberg, M. S. et al. (1991). "Construction of an EAE Deletion Mutant of Enteropathogenic <i>Escherichia coli</i> by Using a Positive-Selection Suicide Vector," <i>Infect. Immun.</i> 59(12): 4310-4317.
57.	Earhart, C.F. ed. (1996). "Uptake and Metabolism of Iron and Molybdenum," Chapter 71 In <i>Escherichia coli and Salmonella Cellular and Molecular Biology</i> , 2nd ed, Vol. 1, ASM Press, Washington, D.C., pp. 1075-1090.

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58. Eisenstein, T.K. (1999). "Mucosal Immune Defense: The Salmonella typhimurium Model," Chapter 3 In Intracellular Bacterial Vaccine Vectors. Paterson, Y., ed., Wiley-Liss, Inc., New York, NY, pp. 51-109.
59. Ellis, RW. ed. (1988). Chapter 29 In Vaccines WB Saunders Co., pp. 568-574.
60. Fleischmann et al. (1995). "Whole-Genome Random Sequencing and Assembly of *Haemophilus influenzae* Rd.," *Science* 269: 496-512.
61. Fraser et al. (1998). "Complete Genome Sequence of *Treponema pallidum*, the Syphilis Spirochete," *Science* 281: 375-388.
62. Garcia-Del Portillo, F. et al. (1999). "DNA Adenine Methylase Mutants of Salmonella typhimurium Show Defects in Protein Secretion, Cell Invasion, and M Cell Cytotoxicity," *Proc. Natl. Acad. Sci. USA* 96: 11578-11583.
63. Gast, R. K. and Beard, C. W. (1990). "Isolation of Salmonella enteritidis from Internal Organs of Experimentally Infected Hens," *Avian Dis.* 34:991-993.
64. Groisman, E.A. and Heffron, F. (1995). "Regulation of Salmonella Virulence by Two-Component Regulatory Systems," Chapter 20 In Two-component signal transduction. Hoch, J.A., ed., ASM Press, Washington, D.C. pp. 319-332.
65. Gulig, P.A. et al. (1993). "Molecular Analysis of SPV Virulence Genes of the Salmonella Virulence Plasmids," *Mol. Microbiol.* 7(6): 825-830.
66. Hafner, L.M. et al. (1991). "Precise Excision of Tn10 in Salmonella typhimurium: Effects of Mutations in the polA, dam, mutH and mutB Genes and of Methionine or Ethionine in the Plating Medium," *Mutation Research* 263(3):179-184.
67. Hale, W. B. et al. (June 1994). "Analysis of Nonmethylated GATC Sites in the Escherichia coli Chromosome and Identification of Sites that are Differentially Methylated in Response to Environmental Stimuli," *J Bacteriol.* 176(11): 3438-3441.
68. Hassan, J.O. and Curtiss, R. (1997). "Efficacy of a Live Avirulent Salmonella typhimurium Vaccine in Preventing Colonization and Invasion of Laying Hens by Salmonella typhimurium and Salmonella enteritidis," *Avian Dis.* 41: 781-791.
69. Heithoff, D.M. et al. (1997). "Bacterial Infection as Assessed by *In Vivo* Gene Expression," *Proc. Natl. Acad. Sci. USA* 94: 934-939.
70. Heithoff, D.M. et al. (1997). "Dissecting the Biology of a Pathogen During Infection," *Trends Microbiol.* 5(12):509-513.
71. Heithoff, D.M. et al. (1999). "An Essential Role for DNA Adenine Methylation in Bacterial Virulence," *Science* 284(5416):967-970.
72. Heithoff, D. M. et al. (1999). "Coordinate Intracellular Expression of *Salmonella* Genes Induced During Infection," *J. Bacteriol.* 181: 799-807.
73. Heithoff, D.M. et al. (June 2000). Dissertation Abstracts International, Vol. 60,12-B, pages 5906-B, col. 2(abstract only).

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		RECEIVED MAY 16 2002 TECH CENTER 1600/2900	
74.	Hinton, M. et al. (1989). "Experimental Salmonella enteritidis Infection in Chicks," <i>Ver. Rec.</i> (124):223.		
75.	Hone, D. et al. (1987). "Construction of Defined <i>galE</i> Mutants of <i>Salmonella</i> for Use as Vaccines," <i>J. Infect. Dis.</i> 156(1):167-174.		
76.	Hone, D.M. et al. (1999). "Mucosal Vaccination with Salmonella Vaccine Vectors," Chapter 6 In <i>Intracellular Bacterial Vaccine Vectors</i> . Paterson, Y. ed., Wiley-Liss, Inc., New York, pp. 171-222.		
77.	Hormaeche, C.E. et al. (1996). "Protection Against Oral Challenge Three Months After I.V. Immunization of BALB/c Mice With Live Aro Salmonella typhimurium and Salmonella enteritidis Vaccines is Serotype (Species)-Dependent and Only Partially Determined by the main LPS O Antigen," <i>Vaccine</i> 14(4):251-259.		
78.	Humphrey, T. J. et al. (1989). "The Survival of Salmonellas in Shell Eggs Cooked Under Stimulated Domestic Conditions," <i>Epidem. Inf.</i> 103:35-45.		
79.	Humphrey, T. J. (1990). "Heat Resistance in Salmonella enteritidis Phage Type 4: the Influence of Storage Temperatures Before Heating," <i>J. App. Bacter.</i> 69:493-497.		
80.	Humphrey, T. J. et al. (1990). "A Comparative Study of the Heat Resistance of Salmonellas in Homogenized Whole Egg, Egg Yolk or Albumen," <i>Epidemiol. Infect.</i> 104:237-241.		
81.	Jones, Bradley D. and Stanley Falkow. (1996). "Salmonellosis: Host Immune Responses and Bacterial Virulence Determinants," <i>Annual Review Immunology</i> 14:533-561.		
82.	Julio, S. M. et al. (1998). "Directed Formation of Chromosomal Deletions in <i>Salmonella typhimurium</i> : Targeting of Specific Genes Induced During Infection," <i>Molec. Gen. Genet.</i> 258: 178-181.		
83.	Kupchella, E et al., 23rd Annual Scientific Meeting of the Environmental mutagen society, March 150-19, 1992, suppl. 0(20), page 33, 1992 (abstract only).		
84.	Lam, K. S. (1997). "Application of Combinatorial Library Methods in Cancer Research and Drug Discovery," <i>Anticancer Drug. Des.</i> 12: 145-167.		
85.	Lavelle, J.M. (1986). "Potassium Chromate Potentiates Frameshift Mutagenesis in <i>E. coli</i> and <i>S. typhimurium</i> ," <i>Mutat. Res.</i> 171:1-10; especially page 7, col. 1.		
86.	LeClerc et al. (1996). "High mutation frequencies among <i>Escherichia coli</i> and <i>Salmonella</i> pathogens," <i>Science</i> 274: 1208-1211.		
87.	MacLeod, A. R. and Szyf, M. (1995). "Expression of Antisense to DNA Methyltransferase mRNA Induces DNA Demethylation and Inhibits Tumorigenesis," <i>J. Biol. Chem.</i> 7(14):8037-8043.		
88.	Mahan, M. J. (9 April 1994). "Revealing Bacterial Infection Strategies," <i>Lancet.</i> 343(8902): 869-70.		
89.	Mahan, M. J. et al. (1993). "Selection of Bacterial Virulence Genes that are Specifically Induced in Host Tissues," <i>Science</i> 259: 686-688.		


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90.	Mahan, M. J. et al. (1995). "Antibiotic-based Selection for Bacterial Genes that are Specifically Induced During Infection of a Host," <i>Proc. natl. Acad. Sci. USA</i> 92:669-673.
91.	Mahan, M.J. et al. (2000). "Assessment of Bacterial Pathogenesis by Analysis of Gene Expression in the Host," <i>Annual Reviews</i> 34:139-164.
92.	Mäkelä, P. H. et al. (1977). "Polysaccharide Vaccines of Group A. <i>Neisseria meningitidis</i> and <i>Haemophilus influenzae</i> Type b: A Field Trial in Finland," <i>J. Infec. Dis.</i> 136:s43-s50.
93.	Mankovich, JA et al. (1989). "Nucleotide Sequence of the Salmonella typhimurium mutL Gene Required for Mismatch Repair: Homology of MutL to HexB of Streptococcus pneumoniae and to PMS1 of the Yeast Saccharomyces cerevisiae," <i>Journal of Bacteriology</i> 171(10):5325-5331. (Abstract only).
94.	Marinus, M.G. (1984). "Correlation of DNA Adenine Methylase Activity with Spontaneous Mutability in <i>Escherichia coli</i> K-12," <i>Gene</i> . 28: 123-125.
95.	Marinus, M.G. (1996). "Methylation of DNA," Chapter 53 <i>In E. coli and Salmonella: Cellular and Molecular Biology, 2nd ed.</i> Vol. 1, ASM Press, Washington, D.C., pp. 782-791.
96.	Mekalanos, J.J. (1992). "Environmental Signals Controlling Expression of Virulence Determinants in Bacteria," <i>J. Bacteriol.</i> 174(1):1-7.
97.	Miller, J.H. (1972). <i>Experiments in Molecular Genetics</i> , Cold Spring Harbor Laboratory, Table of Contents.
98.	Miller, S.I. et al. (1990). "Salmonella Vaccines with Mutations in the phoP Virulence Regulon," <i>Res. Microbiol.</i> 141:817-821.
99.	Monack, D.M. et al. (1998). "Yersinia-induced Apoptosis In Vivo Aids in the Establishment of a Systemic Infection of Mice," <i>J. Exp. Med.</i> 188(11):2127-2137.
100.	Neustadt, B.R. et al. (1998). "Construction of a Family of Biphenyl Combinatorial Libraries: Structure-activity Studies Utilizing Libraries of Mixtures," <i>Bioorg. Med. Chem. Lett.</i> 8:2395-2398.
101.	O'Farrell, P.H. (1975). "High Resolution Two-Dimensional Electrophoresis of Proteins," <i>The J. of Biol. Chemistry</i> 250(10):4007-4021.
102.	O'Hanley, P. et al. (1985). "Molecular Basis of Escherichia coli Colonization of the Upper Urinary Tract in BALB/c Mice," <i>J. Clin. Invest.</i> 75(2):347-360.
103.	O'Hanley, P. M. et al. (1985). "Gal-Gal Binding and Hemolysin Phenotypes and Genotypes Associated With Uropathogenic <i>Escherichia Coli</i> ," <i>N. Engl. J. Med.</i> 313(7):414-420.
104.	Pappenheimer, A. M. (1984). "Diphtheria," <i>In Bacterial Vaccines</i> R. Germaier ed., Academic Press: Orlando, FL., pp. 1-36.
105.	Parke, J. C. (1977). "Interim Report of a Controlled Field Trial Immunization with Capsular Polysaccharides of <i>Haemophilus influenzae</i> Type b and Group C <i>Neisseria meningitidis</i> in Mecklenberg Country, North Carolina (March 1974-March 1976)," <i>J. Infec. Dis.</i> 136:s51-s56.

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| 106. | Parkman, P. D. et al. (1966). "Attenuated Rubella Virus," <i>N. Engl. J. Med.</i> 275(11):569-574. |
| 107. | Popiel, I. and Turnbull, P. C. B. (1985). "Passage of <i>Salmonella enteritidis</i> and <i>Salmonella thompson</i> through Chick Ileocecal Mucosa," <i>Infect. and Immun.</i> 47(3):786-792. |
| 108. | Price, C. et al. (1988). "Evolution of DNA Sequence Specificity in Type I Restriction enzymes," <i>Biochem. Soc. Trans.</i> 16(6):942-943. |
| 109. | Reisenauer, A. et al. (1999). "Bacterial DNA Methylation: A Cell Cycle Regulator?" <i>Journal of Bacteriology</i> 181(17):5135-5139. |
| 110. | Riggs, A.D. et al. (1996). <u>Epigenetic Mechanisms of Gene Regulation</u> . Russo, V.E.A., et al. eds., Cold Spring Harbor Laboratory Press, pp.1-4. |
| 111. | Ringquist, S. and Cassandra L. Smith. (1992). "The <i>Escherichia coli</i> Chromosome Contains Specific, Unmethylated <i>dam</i> and <i>dcm</i> Sites," <i>Proc. Natl. Acad. Sci. USA</i> 89:4539-4543. |
| 112. | Ritchie, L. et al. (1988). "A Mutation in the DNA Adenine Methylase Gene (<i>dam</i>) of <i>Salmonella typhimurium</i> Decreases Susceptibility to 9-Aminoacridine-Induced Frameshift Mutagenesis," <i>Mutation Research</i> 194:131 -141. |
| 113. | Ritchie, L.J. et al. (1986). "Mutant of <i>Salmonella typhimurium</i> LT2 deficient in DNA adenine methylation," <i>J. of Bacteriol.</i> 167(1):420-422. |
| 114. | Roberts et al. (1985). "Experimental Pyelonephritis in the Monkey," <i>J. Urol.</i> 133: 1068-1075. |
| 115. | Robertson G.T. et al. (2000). "The <i>Brucella abortus</i> CcrM DNA Methyltransferase Is Essential for Viability, and Its Overexpression Attenuates Intracellular Replication in Murine Macrophages," <i>J. of Bacteriol.</i> 182(12):3482-3489. |
| 116. | Roland et al. (1993). "Spontaneous <i>mprA</i> mutants of <i>Salmonella typhimurium</i> LT2 Define a New Two Component Regulatory System with a Possible Role in Virulence," <i>J. Bacteriol.</i> 75: 4154-4164. |
| 117. | Sanderson, K.E. et al. "Strains of <i>Salmonella typhimurium</i> and Other <i>Salmonella</i> Species Used in Genetic Analysis," In <i>Escherichia coli</i> and <i>Salmonella</i> . 2nd Ed., Volume 2, Neidhardt, F.C. et al. eds., ASM Press: Washington, D.C., pp. 2496-2503. |
| 118. | Shivaprasad, H. L. (1990). "Pathogenesis fo <i>Salmonella enteritidis</i> Infection in Laying Chickens. I. Studies on Egg Transmission, Clinical Signs, Fecal Shedding, and Serologic Responses," <i>Avian Diseases</i> 34:548-557. |
| 119. | Sirard, J. et al. (1999). "Live Attenuated <i>Salmonella</i> : A Paradigm of Mucosal Vaccines," <i>Immun. Rev.</i> 171:5-26. |
| 120. | Slauch, J. M. et al. (1991). "Cis-acting <i>ompF</i> Mutations that Result in OmpR-Dependent Constitutive Expressions," <i>J. Bacteriol.</i> 173: 4039-4048. |
| 121. | Smith C. L. et al. (1987). "Purification, Specific Fragmentation, and Separation of Large DNA Molecules," <i>Methods Enzymol.</i> 155: 449. |

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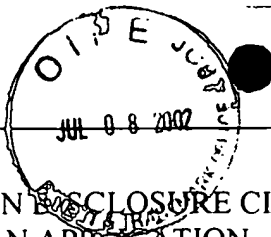
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122.	Stambuk, S et al. (1998). "Mechanism and Control of Interspecies Recombination in <i>Escherichia coli</i> . I. Mismatch Repair, Methylation, Recombination and Replication Functions," <i>Genetics</i> 150:533-542.
123.	Tacket, C.O. et al. (1992). "Comparison of the Safety and Immunogenicity of Δ aroC Δ aroD and Δ cya Δ crp <i>Salmonella typhi</i> Strains in Adult Volunteers," <i>Infect. Immun.</i> 6(2):536-541.
124.	Takahashi, H. et al. (1990). "Induction of CD8 Cytotoxic T Cells by Immunization with Purified HIV-1 Envelope Protein In ISCOMs," <i>Nature</i> 344:873-875.
125.	Tavazoie, S. et al. (1998). "Quantitative Whole-Genome Analysis of DNA-Protein Interactions by <i>in vivo</i> Methylases Protection in <i>E. coli</i> ," <i>Nature Biotechnol.</i> 16: 566-571.
126.	Torreblanca, J. et al. (1996). "DNA Adenine Methylase Mutants of <i>Salmonella typhimurium</i> and a Novel Dam-Regulated Locus," <i>Genetics</i> 144(1): 15-26.
127.	Van der Woude et al. (1998). "Formation of DNA Methylation Patterns: Non-Methylated GATC Sequences in <i>gut</i> and <i>pap</i> Operons," <i>J. Bacteriol.</i> 180: 5913-5920.
128.	Van der Woude, M. W. et al. (1992). "Evidence for Global Regulatory Control of Pilus Expression in <i>Escherichia coli</i> by Lrp and DNA Methylation: Model Building Based on Analysis of PAP," <i>Mol Microbiol.</i> 6(17): 2429-2435.
129.	Van der Woude, M.W. et al. (1996). "Epigenetic Phase Variation of the PAP Operon in <i>Escherichia coli</i> ," <i>Trends Microbiol.</i> 4(1):5-9.
130.	Vescovi, G. et al. (1996). " Mg^{2+} as an Extracellular Signal: Environmental Regulation of <i>Salmonella</i> Virulence," <i>Cell</i> 84: 165-174.
131.	Vinella, D et al. (1996). "Mecillinam Resistance in <i>Escherichia coli</i> is Conferred by Loss of a Second Activity of the AroK protein," <i>J. of Bacteriol.</i> 178(13): 3818-3828.
132.	Wang, R.F. and Sidney R. Kishner. (1991). "Construction of Versatile Low-Copy-Number Vectors for Cloning, Sequencing and Gene Expression in <i>Escherichia coli</i> ," <i>Gene</i> 100:195-199.

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Applicant

Michael J. MAHAN et al.

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

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Examiner Initials	Ref. No.	Title
<i>[Signature]</i>	1.	Bizzini, B. (1984). "Tetanus," Chapter 2 <i>In Bacterial Vaccines</i> R. Germanier ed., Academic Press Inc.: Orlando, Fl.. pp. 37-68.
<i>[Signature]</i>	2.	Manclark, C.R. and Cowell, J.L. (1984). "Pertussis," Chapter 3 <i>In Bacterial Vaccines</i> R. Germanier ed., Academic Press Inc.: Orlando, Fl.. pp. 69-106.

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